

WHAT IS CLAIMED IS:

1. A vibration-decoupling arrangement for supporting a percussion unit in a hand-held percussion power tool, the arrangement comprising a spring (4) arranged between the percussion unit (2) and a tool housing (3) and preloaded against an engagement point (P) in the housing (3) for preventing vibrations of the percussion unit (2) from being transmitted to the housing (3), and axial guide means for supporting the percussion unit (2) in the housing (3) and including two axially spaced, flexurally deformable, articulated arms (5a, 5b) secured in the housing (3) with a possibility of a limited axial displacement and without any slip motion relative to the housing (3).

2. An arrangement according to Claim 1, wherein the two articulated arms (5a, 5b) extend parallel to each other.

3. An arrangement according to Claim 1, wherein at least one of the articulated arms (5a) has a deflection-resistant middle section and two, elastically deformable, foil end sections (7).

4. An arrangement according to Claim 3, wherein the middle section has, additionally, reinforcing means (6).

5. An arrangement according to Claim 1, wherein the two articulated arms (5a, 5b) are oriented in opposite direction with respect to a radial extent thereof.

6. An arrangement according to Claim 1, wherein the spring (4) is formed as a helical compression spring.